

Order ID 59701

Wednesday, June 09, 2010 2:31:56 PM



Item ID: D4002-041

Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 6/9/2010 Start Qty: 2.00

Required Date: 6/17/2010 Req'd Qty: 2.00

Reference:



Cust Item ID:
Customer:



Setup Start
Stop



Approvals: Process Plan:

QC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Run Start
Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Code Accept Qty Reject Qty Reject Number Insp. Stamp

130



Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

11/9/22 *[Signature]*

140



QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

CK 11/09/26

mf
11-09-22

Print

Page 1

Wednesday, June 09, 2010 2:32:01 PM

Work Order ID: 59701



Parent Item: D4002-041



Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 6/9/2010

Required Date: 6/17/2010

Comments: IIP rev A 10.01.21 new issue Prelim EC verified by:DD

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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156061-3S-0105

Purchased

No

100

Each

0.0000

1

2



Hose Assembly

AN894D4-3

Purchased

No

121

Each

5.0000

1

2



Fitting

LocationLoc QtyLoc Code

ST334

5

113743

5

MS29512-04

Purchased

No

121

Each

5.0000

1



O-RING

LocationLoc QtyLoc Code

ST294

5

113743

5

MS29528 -04

qty 1

Batch: ~~M113808~~

M118780 (1x) 6/10/09/21

10/10/11

EP 10/11/03

M114988 (1x)

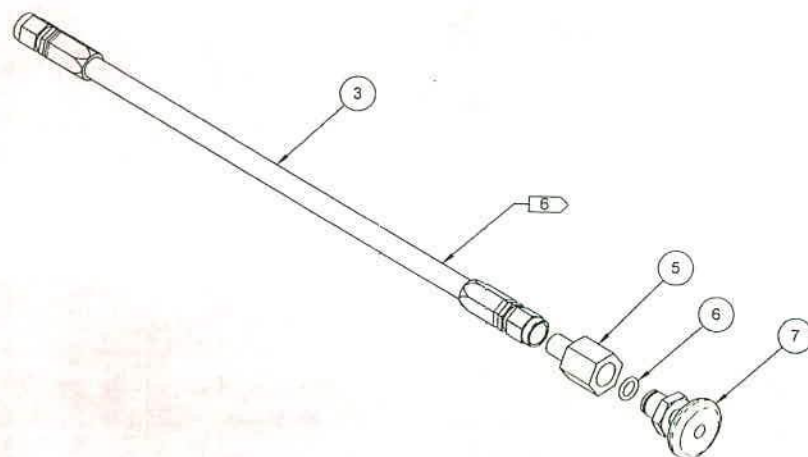
2

EP 10/11/03

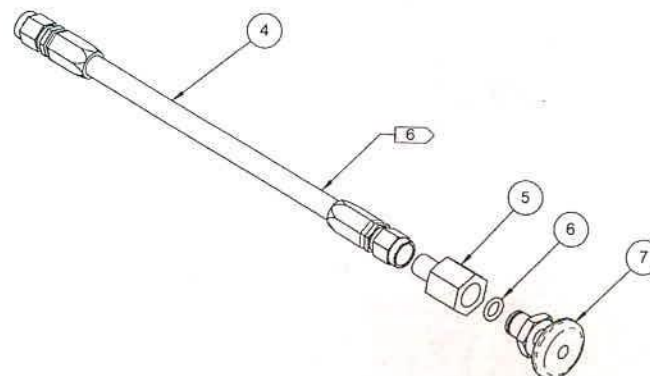
2

M115156 (1x)

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.13 lbs
D4002-043 - 0.12 lbs

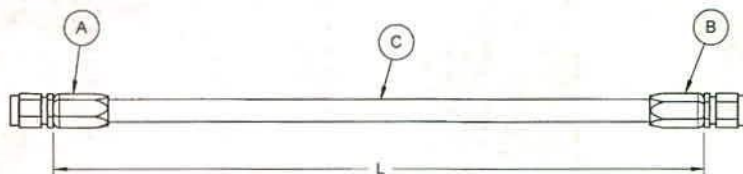
STANDARD
REVISION
ENGINEERING
UNCONTROLLED COPY
SUBMIT TO DART
WITH APPROVAL
NO. 59701
2100-609

RELEASED
2010-05-05

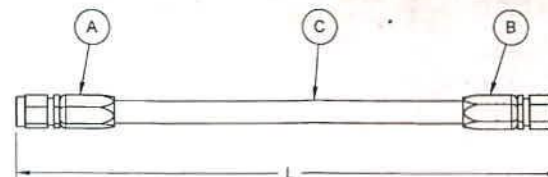
A	NEW ISSUE		10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.03.01		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. A	
DRAWING NO. D4002		SHEET 1 OF 2	
TITLE HOSE ASSEMBLY		SCALE NTS	
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

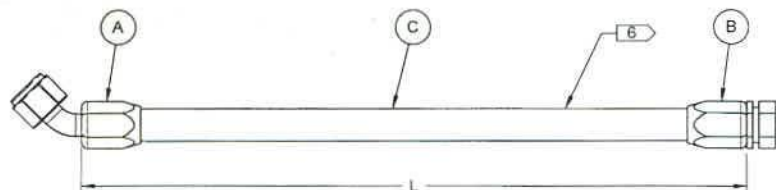
SPECIFICATION CONTROL DRAWING



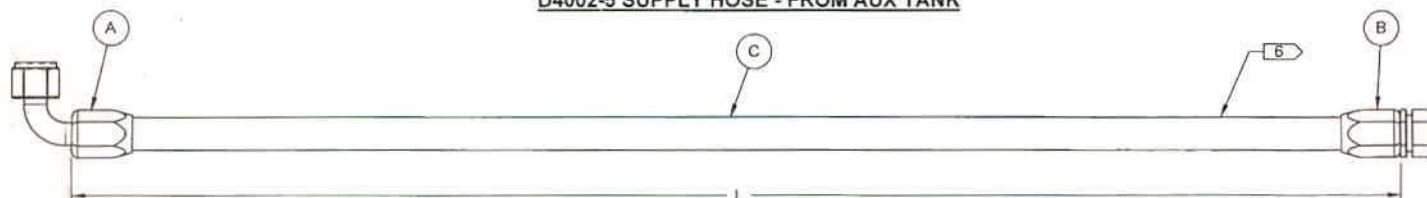
D4002-1 HOSE ASSEMBLY



D4002-3 HOSE ASSEMBLY



D4002-5 SUPPLY HOSE - FROM AUX TANK



D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "C"	WEIGHT
D4002-1	156001-3S-0105	AVIAL/API	9.90	676-3S	676-3S	156-3	0.08 lbs
D4002-3	156001-3S-0074	AVIAL/API	6.76	676-3S	676-3S	156-3	0.07 lbs
D4002-5	156003-6D-0102	AVIAL/API	8.94	678-6D	678-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIAL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: SEE TABLE

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4002	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		HOSE ASSEMBLY	NTS
DATE	10.03.01	<small>COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

RELEASED
2010-05-05



Dart Aerospace Ltd.
1370 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO111

Purchase Order Date 1/26/10
PO Print Date 1/26/10

Page Number 1 of 1

Order From :

VC-AVI001

AVIALL
PO BOX 9534 STATION A
TORONTO, ON M5W 2K3
CA

Contact Name
Vendor Phone 905 676 1695
Vendor Fax 905 676 9046
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	156001-3S-0074	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$90.0700	\$270.2
2	156001-3S-0105	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$93.7900	\$281.3
3	156003-6D0102	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$107.3200	\$321.9
4	156005-6D0213	Hose Assembly	1/29/10 Yes	3.00 Each	FedEx Overnight	\$119.0700	\$357.2

PO Total: \$1,230.7

PO Instructions: FedEx acct# 1517 9324 0

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 1/26/10



PACKING LIST



PAGE: 1

DATE: 01/29/10

TIME/HEURE: 10:19

EMP#: 22611

ORDER TYPE / TYPE DE COMMANDE: RG

CURRENCY: CAN

FROM: P.O. 11225
DE COMMANDE
ORDER NUMBER: 0000870298- 257499
No DE COMMANDE
ORDER DATE: 01/27/10
DATE DE COMMANDE

SHIP NBR: 257499
No DE EXPEDITEUR

SHIP VIA: FED PLAM - COLLECT
EXPEDIER PAR

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34170
AVIALL TORONTO CSC
1840 ALSTEP DR. UNIT 5
MISSISSAUGA ON L5S 1W1

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
FED X P1 COLLECT ON CUSTOMER ACCT 1517-9324-0									
1	1S	156001-3S0074 HOSE ASSY Schedule B: 8803300010 LOT 51219475 EA	3	3		0 EA	90.07	90.0700	270.21
2	1S	156003-6D0102 HOSE ASSY Schedule B: 8803300010 LOT 51219469 EA	3	3		0 EA	107.32	107.3200	321.96
3	1S	156001-3S0105 HOSE ASSY Schedule B: 8803300010 LOT 51219476 EA	3	3		0 EA	93.79	93.7900	281.37
4	1S	156005-6D0213 HOSE ASSY Schedule B: 8803300010 LOT 51219477 EA	3	3		0 EA	119.07	119.0700	357.21

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.
Je certifie par la presente que les pieces appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles l'approbation du distributeur du departement du transport no. 35-86 ont ete recues.

AV19 R2-99

G.S.T. REG. NO. R121506208

Signed

Date

01/29/10

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUEES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUEES SUR TOUTE MARCHANDISE RETOURNEE.



PACKING LIST

SHIP NBR: 257499
No DE EXPEDITEURPAGE: 1
DATE: 01/29/10
TIME/HEURE: 10:19
EMP#: 22611
ORDER TYPE / TYPE DE COMMANDE: RG
CURRENCY: CANCUSTOMER P.O.: 11225
BON DE COMMANDE
ORDER NUMBER: 0000870298- 257499
No DE COMMANDE
ORDER DATE: 01/27/10
DATE DE COMMANDES
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006166
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CANADASHIP VIA: FED PLAM - COLLECT
EXPEDIER PARS
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34170
AVIALl TORONTO CSC
1840 ALSTEP DR. UNIT 5
MISSISSAUGA ON L5S 1W1

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY QUANTITE COMMANDE	SHIP QUANTITY QUANTITE EXPEDIEE	BACK ORDER COMM. EN SOUF	UOM	LIST PRICE	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
------	-----	---------------------	--	---------------------------------------	-----------------------------	-----	------------	----------------	----------------------------

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL 1,230.75
AOC TOTAL 0.00
TAXES 61.54
FREIGHT 0.00
FUEL SURCHARGE 0.00
ESTIMATED TOTAL 1,292.29
Currency: Canadian Dollar

CERTIFICATE OF CONFORMANCE / CERTIFICAT DE CONFORMITE

I hereby certify that the aircraft parts, appliances and/or aircraft materials described hereon were acquired from a source of supply that is consistent with the conditions under which the department of transport distributor approval number 35-86 has been granted.
Je certifie par la presente que les pieces, appareils et/ou materiaux d'avions decrits ci-dessus ont ete acquis d'une source d'approvisionnement consistante avec les conditions sous lesquelles le departement des transports a approuve le distributeur sous le numero d'approbation 35-86.

Date 01/29/10

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL.
ESCOMPTE APPLIQUES SUR SOUS TOTAL SEULEMENT.
ALL RETURNED MERCHANDISE SUBJECT TO A HANDLING FEE.
FRAIS DE MANUTENTION APPLIQUES SUR TOUTE MARCHANDISE RETOURNEE.

CUSTOMER COPY / FILE COPY

L Lacelle

From: Harvey Siemens [hsiemens@dartaero.com]
Sent: November 16, 2010 12:18 PM
To: 'L Lacelle'; 'Melanie Fauteux'
Subject: RE: D4290 Rev. Pa2

Linda

The vendor part numbers for the D4002 hoses are correct. The lengths as shown on the drawing are incorrect. As long as we have certs from the supplier that show correct vendor part numbers the hoses are correct.

Let me know if you need more info.

Regards,

Harvey Siemens

Mechanical Designer
 DART Aerospace Ltd.

P: 403-717-0328
 F: 403-717-1288
 E: hsiemens@dartaero.com
 W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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From: L Lacelle [mailto:llacelle@dartaero.com]
Sent: Tuesday, November 16, 2010 10:01 AM
To: 'Melanie Fauteux'; 'Harvey Siemens'
Subject: RE: D4290 Rev. Pa2

Harvey,
 Please send us an email for deviation, stating that these hoses are good as is
 Thx
 LL

From: Melanie Fauteux [mailto:mfauteux@dartaero.com]
Sent: November 16, 2010 10:56 AM
To: 'Harvey Siemens'
Cc: llacelle@dartaero.com
Subject: RE: D4290 Rev. Pa2

Uhhhhh ya....ooooops.....brain fart...lol. Happy Tuesday ☺

From: Harvey Siemens [mailto:hsiemens@dartaero.com]
Sent: Tuesday, November 16, 2010 11:02 AM
To: 'Melanie Fauteux'
Cc: llacelle@dartaero.com

11/16/10

Subject: RE: D4290 Rev. Pa2

Melanie

The issue is with the D4002 drawing not the D4063 drawing. No changes expected with the D4063 drawing that I know of.

Regards,

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

P: 403-717-0328

F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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From: Melanie Fauteux [<mailto:mfauteux@dartaero.com>]

Sent: Tuesday, November 16, 2010 8:22 AM

To: 'Harvey Siemens'

Cc: llacelle@dartaero.com

Subject: RE: D4290 Rev. Pa2

Hi Harvey,

We also have the issue with the hoses d4063-1/3. You said the latest rev has a change to it for the length of the one hose. We have 2 kits almost complete but can not package it without the released drawing. Can you help? Sorry for being a pain....but it's what I do best...lol.

Melanie

From: L Lacelle [<mailto:llacelle@dartaero.com>]

Sent: Tuesday, November 16, 2010 10:13 AM

To: mfauteux@dartaero.com

Subject: FW: D4290 Rev. Pa2

From: Harvey Siemens [<mailto:hsiemens@dartaero.com>]

Sent: November 15, 2010 5:13 PM

To: 'L Lacelle'; 'Mike Petsche'

Subject: RE: D4290 Rev. Pa2

Sorry Linda

Forgot the last comment. The cross reference to the D3600 will go in the revised IIN as well.

Eurocopter part numbers come into play as an alternate (on the wiring diagram) to the regular switches etc that

11/16/10

we include. We don't need to worry about providing them unless they're listed in the IIN.

Hope this helps, call me if you have more questions

Regards,

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

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From: L Lacelle [<mailto:llacelle@dartaero.com>]

Sent: Monday, November 15, 2010 1:00 PM

To: 'Harvey Siemens'; 'Mike Petsche'

Subject: RE: D4290 Rev. Pa2

D4290-7 should have JC P/N 444-2556 not 444-2553

D4290-15 / -17 - I think the 973 P/N's are reversed 143-204 in the IIN has 973-1490 as an alternate and 143-203 has 973-1482 as an alternate, your list has it reversed.

I do not see where all those eurocopter parts come in to play on the IIN...?

Don't forget the TBA28B, to have D3600-1 as an alternate

LL

From: Harvey Siemens [<mailto:hsiemens@dartaero.com>]

Sent: November 15, 2010 2:57 PM

To: 'Mike Petsche'

Cc: 'L Lacelle'

Subject: D4290 Rev. Pa2

Mike

Linda needs to supply lead times for aux tanks. Please have a quick look at the attached drawing and let me know if you're good with it.

Linda

Are you ok with this drawing? If so I'll put your name on it as well. When those initials have been added we can release the drawing and the new MDL so that you can use it to make tanks.

Hope that helps, Let me know ASAP about the initials and I can get this going today.

Regards,

11/16/10

Harvey Siemens

Mechanical Designer
DART Aerospace Ltd.

P: 403-717-0328

F: 403-717-1288

E: hsiemens@dartaero.com

W: www.dartaero.com

M: 1060 McTavish Road NE, Calgary, Alberta, T2E 7G6

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11/16/10